

ENVIRONMENTAL COMPLIANCE TECHNICIAN

NATURE OF WORK

This is responsible technical work inspecting, sampling, monitoring and documenting hazardous and special wastes at a public landfill or liquid waste loads brought to the Lincoln Water Resource Recovery Facility for disposal.

Work responsibilities include managing and conducting random load inspections, managing and monitoring surface and well leachate systems, liquid waste sampling and testing, determining proper waste routing and coordinating and supervising the disposal of wastes at various sites. An employee within this classification must exercise considerable independent judgment in working with the public and ensuring adherence to federal, state and local regulations and standards. Supervision may be exercised over subordinate technical staff or labor staff in the execution of inspection or intervention duties. Supervision is received from a technical or administrative superior with work being evaluated in the form of reports, conferences, adherence to operational procedures and program success.

EXAMPLES OF WORK

Samples and monitors leachate gas wells, surface water runoff retention ponds, yard waste composting sites and related collection systems; records and documents all inspections and samples to comply with state and federal regulations; maintains monitoring, sampling and releases records including computer database/spreadsheet files.

Coordinates and monitors special waste disposal site access and off-loading to ensure proper handling and public safety; assures adequate treatment facility processing time between each load; schedules and performs waste load inspections and site monitoring in order to identify hazardous and unacceptable waste materials; supervises subordinate technical staff or labor staff during inspection or intervention incidents; ensures security and documentation requirements are followed during suspect inspections.

Provides staff, haulers and waste generators with information regarding acceptable wastes, permit requirements and hazardous and special waste disposal restrictions; generates and maintains computer files and written logs related to all required landfill waste and sludge records in accordance with federal, state and operating requirements; completes required/requested statistical and compliance reports; develops and maintains MSDS procedures; trains staff regarding hazardous waste sampling and management as assigned.

Assists and/or supervises contracted personnel in monitoring groundwater levels, in performing surveying tasks and in using dedicated equipment; stores and maintains all sampling and measurement equipment per required specifications and timelines.

Samples and assesses all liquid waste loads that arrive for disposal the WRRF to determine the general load characteristics and assure suitability for disposal at the facility; collects properly labels and delivers to laboratory analysts any waste load samples that require advanced analysis.

Generates and maintains load tracking documents, disposal receipts and written logs related to all required records in accordance with Federal, State and Municipal operating requirements.

Informs operations and maintenance staff of challenging load types that will require additional equipment and manpower and schedules required maintenance work for routine upkeep of disposal sites as well as emergency repairs.

Refers new trucking companies to the Lincoln-Lancaster County Health Department to obtain proper liquid waste hauling permits and coordinates on-site inspection of tanker trucks to assure ongoing hauler permit compliance.

Performs related work as required.

DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of landfill sampling, domestic wastewater, liquid waste and hazardous waste inspection techniques and procedures.

Knowledge of various liquid waste types and how they each can potentially affect the overall treatment process.

Knowledge of the equipment, materials and supplies used in sampling and monitoring landfill waste and associated environmental impacts.

Knowledge of special and hazardous waste treatment, practices and safety precautions.

Knowledge of leachate collection and monitoring.

Some knowledge of federal, state and local regulations governing the management and disposal of solid and liquid waste.

Ability to interpret and enforce trucked liquid and hazardous waste regulation and governmental guidelines.

Ability to perform technical inspections, load sampling, testing and disposal observations under adverse working and weather conditions.

Ability to record data and prepare statistical reports and discharge receipts using microcomputer software applications.

Ability to communicate effectively both orally and in writing.

Ability to establish and maintain effective working relationships with government officials, consultant representatives, coworkers and the public.

Skill in the operation and maintenance of monitoring and sampling testing devices utilized in landfill waste operations.

MINIMUM QUALIFICATIONS

Graduation from high school or equivalent supplemented by vocational/technical school coursework in environmental or biological science, public health or related field with six months of

experience in landfill or special waste disposal; or any equivalent combination of training and experience that provides the desirable knowledge, abilities and skills.

NECESSARY SPECIAL REQUIREMENTS

Possession of a valid driver's license when operating a vehicle is necessary to the satisfactory performance of assigned duties.

When operating equipment that falls under the Nebraska Commercial Driver's License (CDL) status, the employee is required to possess and maintain the proper license and endorsement.

For Solid Waste Management Division, completion of a Waste Screening at Municipal Solid Waste Management Facilities training course or equivalent within one (1) year of hire.

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